

NCBI Nucleotide

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□1: AH003045. Homo sapiens hunt...[gi:663286]

NEW Links

LOCUS HUMHD01 269 bp DNA linear PRI 12-FEB-2001
 DEFINITION Homo sapiens huntingtin (HD) gene, exon 1.
 ACCESSION L27350 REGION: <316..584
 VERSION L27350.1 GI:450395
 KEYWORDS .
 SEGMENT 1 of 67
 SOURCE Homo sapiens.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 614)
 AUTHORS Ambrose,C.M., Duyao,M.P., Barnes,G., Bates,G.P., Lin,C.S.,
 Srinidhi,J., Baxendale,S., Hummerich,H., Lehrach,H., Altherr,M. and
 et,A.
 TITLE Structure and expression of the Huntington's disease gene: evidence
 against simple inactivation due to an expanded CAG repeat
 JOURNAL Somat. Cell Mol. Genet. 20 (1), 27-38 (1994)
 MEDLINE 94255787
 PUBMED 8197474
 FEATURES Location/Qualifiers
 source 1..269
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /map="4p16.3"
 gene ?
 /gene="HD"
 exon ?
 /gene="HD"
 /note="G00-119-307"
 /number=1
 repeat_region ?
 /note="polymorphic CAG repeats"
 repeat_region ?
 /note="polymorphic CCG repeats"
 BASE COUNT 49 a 120 c 77 g 23 t
 ORIGIN 1 atggcgaccc tggaaaagct gatgaaggcc ttcgagtcgg tcaagtcctt ~~cc~~ cagcagcag
 61 cagcagcagc agcagcagca gcagcagcagc cagcagcagc ~~cc~~ cagcagcagca gcagaacac
 121 ~~cc~~ cccacccgc ~~cc~~ cccggccgc gccggccct cctcagcttc ctcagccggc gccggaggca
 181 cagccgctgc tgcctcagcc ~~cc~~ agccggccgc cccggccgc cccggccgc accccggccgc
 241 gctgtggctg aggagccgct gcaccggacc

197/269 = 73% ~~73%~~

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Amplified nt₃ = 50, 33 are b6b

33/50 = 66%

Revised: July 5, 2002.